

Q<sup>3</sup> 16. (Amended) A transgenic organism according to claim 13, wherein the prothrombin or prothrombin-related polypeptide comprises a region having the amino acid sequence of human thrombin.

17. (Amended) A transgenic organism according to claim 1, where in the prothrombin or prothrombin related polypeptide comprises a region having an amino acid sequence 80% to 100% identical to that of a mammalian prothrombin.

Q<sup>4</sup> 20. (Amended) A transgenic organism according to claim 17, wherein the prothrombin or prothrombin-related polypeptide comprises a region having the amino acid sequence of human prothrombin.

Q<sup>5</sup> 29. (Amended) A prothrombin or prothrombin-related polypeptide isolated from a transgenic organism according to claim 28 that differs in its post-translational modification from naturally occurring prothrombin polypeptides.

Q<sup>6</sup> 31. (Amended) A prothrombin or prothrombin-related polypeptide according to claim 28 having a specific activity is 75% to 125% of that of purified human prothrombin.

- Q<sup>7</sup> 35. (Amended) A prothrombin or prothrombin-related polypeptide according to claim 33, wherein the prothrombin or prothrombin-related polypeptide comprises a region having the amino acid sequence of human thrombin.

Q<sup>8</sup> 38. (Amended) A prothrombin or prothrombin-related polypeptide according to claim 36, wherein the prothrombin or prothrombin-related polypeptide comprises a region having the amino acid sequence of human prothrombin.

Q<sup>9</sup> 43. (Amended) A composition according to claim 40, wherein the prothrombin or prothrombin-related polypeptide has a specific activity 75% to 125% of that of purified human prothrombin.

Q<sup>10</sup> 46. (Amended) A composition according to claim 44, wherein the prothrombin or prothrombin-related polypeptide comprises a region having the amino acid sequence of human thrombin.

Q<sup>11</sup> 48. (Amended) A composition according to claim 46, wherein the prothrombin or prothrombin-related polypeptide comprises a region having the amino acid sequence of human prothrombin.

Q<sup>12</sup> 53. (Amended) A method for treating a wound in a patient comprising a step of administering to said patient a composition according to claim 40.